UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY BULLETIN 1087 PLATE 21 R 32 E **EXPLANATION** Quartz vein or silexite dike, showing dip Dashed where approximately located Pegmatite, showing dip Dashed where approximately located Vertical pegmatite Dashed where approximately located Isabella granodiorite of Miller (1931) Mainly granodiorite, subordinate quartz monzonite, and quartz diorite Diorite and related rocks Kernville series of Miller (1931) Mainly mica schist and impure quartzite, subordinate calc-hornfels, and marble Contact, showing dip  $Dashed\ where\ approximately\ located$ Fault, showing dip Dashed where approximately located Vertical fault Fault, showing bearing and plunge of slickensides Fissure, plotted from aerial photographs These are believed to represent steeply dipping fractures, mainly joints Greenhorn Plunge of minor anticline Strike and dip of beds Strike of vertical beds Strike and dip of foliation Strike of vertical foliation 80 Strike and dip of joints 90  $\mathbf{A}\mathbf{d}\mathbf{1}\mathbf{t}$ Small mine or prospect  $Uranıum, \cup, gold, \ \text{Au}, tungsten, \ \text{W}, \ prospects \ without \ letter} \\ symbols \ are \ probably \ mainly \ for \ uranıum$ Radioactivity anomaly, in milliroentgens per hour

Background 0 02-0 03 milliroentgens per hour These values
represent maximum surface readings obtained during
a general reconnaissance for radioactivity Specimen of Isabella granodiorite of Miller (1931) whose composition is represented in figure 23 Specimen for which semiquantitative spectrographic analyses and chemical uranium analyses were made See tables 3 and 9 Specimen whose composition is shown on figure 23, and for which semiquantitative spectrographic analyses and chemical uranium analyses were made See tables DECLINATION 1959 R 32 E

## GEOLOGIC MAP OF THE KERN RIVER URANIUM AREA, KERN COUNTY, CALIFORNIA

Base map by Topographic Division U S Geological Survey

Geology by E M MacKevett, Jr. and H G Stephens, 1955